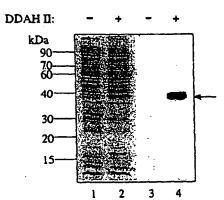
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Rat DDAH I MAGLSHP-SVPGRATHAVVRAPPESLCRHALRRSQGEEVDFARAERQHQLYVGVLGSKLG Human DDAH I MAGLGHP-SAPGRATHAVVRALPESLCQHALRSAKGEEVDVARAERQHQLYVGVLGSKLG ---MGTPGEGLGRCSHALIRGVPSSLASGEGAGAGLPALDLARAQREHGVLGGKLRQRLG ---MGTPGEGLGRCSHALIRGVPSSLASGEGAGAGLPALDLARAQREHGVLGGKLRQRLG LQVVQLPADESLPDCVFVEDVAVVCEETALITRPGAPSRRKEVDMMKEALEKLQLNIVEM LQVVELPADESLPDCVFVEDVAVVCEETALITRPGAPSRRKEVDMMKEALEKLQLNIVEM LQLLELPPESLPLGPLLGDTAVIQGDTALITRPWSPARRPEVDGVRKALQDLGLRIVEI KDENATLDGGDVLFTGREFFVGLSKRTNQRGAEILADTFKDYAVSTVPVADGLHLKSFCS GDENATLDGGDVLFTGREFFVGLSKRTNQRGAEILADTFKDYAVSTVPVADGLHLKSFCS GDENATLDGTDVLFTGREFFVGLSKRTNQRGAEILADTFKDYAVSTVPVADGLHLKSFCS GDENATLDGTDVLFTGREFFVGLSKRTNQRGAEILADTFKDYAVSTVPVADGLHLKSFCS GDENATLDGGDVLFTGREFFVGLSKRTNQRGAEILADTFKDYAVSTVPVAGGPHLRGLCG MAGPNLIAIGSSESAQKALKIMQQMSDHRYDKLTVPDDMAANCIYLN--IPSKGHVLLHR MAGPNLIAIGSSESAQKALKIMQQMSDHRYDKLTVPDDIAANCIYLN--IPNKGHVLLHR MGGPRTVVAGSSDAAQKAVRAMAVLTDHPYASLTLPDDAAADCLFLRPGLPGVPPFLLHR MGGPRTVVAGSSDAAQKAVRAMAVLTDHPYASLTLPDDAAADCLFLRPGLPGVPPFLLHR TPEYPESAKVYEKLKDHLLIPVSNSEMEKVDGLLTCCSVFINKKYDS GGGDLPNSQEALQKLSDVTLVPVSCSELEKAGAGLSSLCLVVLSTRPHS

Figure 1



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Figure 2

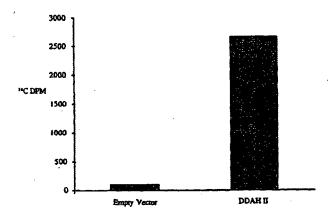


Figure 3

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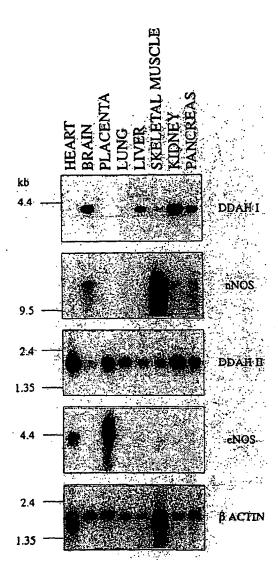


Figure 4

Figure 5

Human DDAHII NATLDGTDVLFTGR-EFFVGLSKWTN-HRGAEIVADTFRDFAVSTVPVSG-P----SHLRSLCGMGGPRTVVAGSSDAA P.p. Delm. NATLEGGDWMPVGKGIVLIGMGERTSRHAIGQLAQNLFEKGAAEKIIVAGLPKSRAAMHLDTVPSFCDRDLVTVPPEVVK **LHLKSFCSMAGPNLIAIGSSESA** NATURGENIFTGR-BPFVGLSKRTN-ORGABILADTPKDYAVSTVPVAD-G----Human DDAHI

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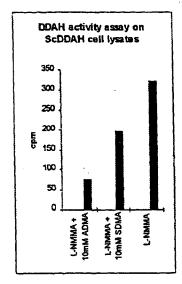
Soddah Prodah Hodah Teddah	
	,,,,,
ScDDah	YVEALG-AHOMETLEVDPAEYCPDSVFVEDAVVVFRNVALITEPGAESERAETAGVEEAV
Paddah	YIRALQ-TCDVDITLLPPDERFPDSVFVEDPVLCTSRCALITRPGAESPRGETELLEETV
HODAR I	YVGVLGS ILGLQVVELPADESLIDCVIVVEDVAVVCEETALITRIGAPSIRKE/DIRKEAL
Thodah	Legtyl-rlorsydliepisglpdmytanggfiahdiavvarfrpperagesrayaswn
	The second of the second secon
Schoan	ARLG-CSVNWVEPOTLOGGDVLK10DT1YVGRGGRTNAAGVOOLRAAFEPLGARVVAVP
Dandyn .	ORFYPGEVERIEAPGTVEAGDING/VGDEFYIGESAPTNAEGARONIAILEXEGLEGSVVR
ADDAR I	EKLQLNIVENKDEKATLDGGDVLFTGREFYVGLSKRTNORGAEILADTFKDYAVSTVP
Thouas	SSVGYRPVTTRHVNEGOGDLIANGERVLAGYGFETDOR-AHAZIAAVLGLPVVSLELV

SeDOM	VSKVLHUKSAVTAL-PROTVIGHI PL/TRVPSLFPRPLFVPEE-SGARVVLLG
PADDAH	LEKVLHLETGLAYL-ENDRILLANGETVERPEPODFNI IEIPEEEYAANCIWV
hDDAH I	VADGLELESFCSNAGPELIAIGSSESAOKALKINOONSDERYDKLTVPDDIAARCIYL
Thodah	DPRFYHLDTALAVLDDHTIAYYPPAFSTAAOEYLS-ALFPDAIVVGSADAFVFGLNAVSD
	MM of the state of
ScDDAH	QSRLIMAASAPKTAELLADIG-HEPVLVDIGEFEKLEGCVTCLSVRLEELID-
PADDAH	NERVIMPACYPETREKIARIA-YRVIEVDTSEYRETDOGVECMSLRF
PDONH I	NI PRKCHVLLHRTPEEY PESAKVYKKLKDEMLI PVSNSKLEKVDGLLTCCSVLINKKIDS
TEDDAH	GLEVVLPVAAMGFAAOLPAAG-PEPVGVDLSELLRGGGSVKCCTLEIHP-'

Figure 6A

PaDeiminase PaUDAH	nstektrloveseagxlrkvmvcspglahgrltpsncdellpddvimvngakrdhpdfvt
Palleiminase PallDAH	IMPERGIDULEMENLITETIQEPEALKMILDEKITADSVOLGLTSELPSMLESLEPPELA MPKHIIAR-TPARSLUDGLTSSRIG
PaDeiminass PaDDAH	EYLIGGVAADDLPASEGANILENYEEYLGHSSFLLPPLPHTQFTRD-TTCWIYGGVT
PaDeiminase PaDDAH	Lnpwwwparroetilitaiyrphpefanaefeiwyddpdrdhosstlegdunpidhovu Trpgaesrogteiieetvodpyp
PaDeiminaee PaDDAH	Ligngerssroaiggvaoslfargaaervivaglpisbaanhlutvfsfcdrolvtvfpr Yigesartvapgarchiailerhuisgsvvrlervlhlrtglaylchenilaage ** . *: . *: * : *: *::**.* :: :: : :
PaDoininase PaDDAH	VVNEIVPPSLAFDPSSFYGMIRRESKTFLEVVAESLGLEXLRVVETGGRSFAAERSQWD FVSR

Figure 6B



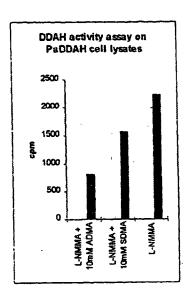


Figure 7